

SUMMARY

AI Full Stack Developer with hands-on experience building and deploying production-ready web applications integrated with AI. Proficient in Python, JavaScript and C++, with a strong ML/DL background using PyTorch and Scikit-learn. Seeking an AI/Full Stack internship to build impactful, intelligent products.

SKILLS

- **Programming Languages:** Python, JavaScript, C++
- **Frontend:** React, Next.js, HTML, CSS
- **Backend:** Node.js, Express.js
- **AI/ML:** PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib
- **Databases:** Supabase (PostgreSQL), MySQL
- **Tools:** Git, VS Code, Postman, Streamlit
- **Areas of expertise:** Full Stack Development, Machine Learning, Deep Learning

PROJECTS

ApplyOrbit | [Live](#) | React, Express, Supabase, Gemini API, Vercel, Render

- Built a full-stack AI-powered job application tracker with Kanban board (Applied → Shortlisted → Interview → Offer → Rejected) and real-time CRUD operations.
- Implemented JWT authentication with Supabase Row Level Security and full user account management (password reset, account deletion).
- Developed an AI Resume Tailor feature using Gemini 2.5 Flash — parses uploaded PDFs, scores resume-JD match with an ATS Evaluation Criteria, and returns bullet-level improvement suggestions.
- Deployed frontend on Vercel and backend on Render with production-grade environment configuration and API security.

PlantDoc-AI | [Live](#) | Python, PyTorch, ResNet18, FastAPI, Streamlit

- Fine-tuned ResNet18 on a plant disease dataset achieving 96.23% validation accuracy with confidence scoring to filter low-quality or out-of-distribution inputs.
- Designed an end-to-end ML pipeline covering data preprocessing, augmentation, training, validation, and treatment-data integration.
- Built a FastAPI inference API serving real-time predictions alongside disease descriptions and treatment recommendations.
- Deployed a Streamlit web app for real-time plant disease detection with softmax probability scoring for interpretable results.

Career Recommendation System | [Live](#) | Python, Scikit-learn, Pandas, Streamlit

- Built a career recommendation system suggesting 7 career paths based on user skills and interests using TF-IDF vectorization and a classification model.
- Preprocessed and vectorized user input, trained and evaluated the model, and integrated it into a real-time inference pipeline.
- Deployed an interactive Streamlit web app enabling users to receive instant, personalized career recommendations

EDUCATION

B.Tech in Information Technology

2023–2027

HMRITM, Guru Gobind Singh Indraprastha University

- GPA: 8.52

Apex Public School, Delhi, India

Passed in 2022

- CBSE (Class XII), Aggregate: 85.8%
- CBSE (Class X), Aggregate: 85.6%